WHAT IS CLAIMED IS:

1. An isolated polynucleotide comprising a member selected from the group consisting of:

a. a polynucleotide encoding the polypeptide comprising amino acid 1 to amino acid 223 as set forth in SEQ ID NO:2;

b. a polynucleotide encoding the polypeptide comprising amino acid 24 to amino acid 223 as set forth in SEQ ID NO:2;

c. a polynucleotide encoding the polypeptide comprising amino acid 24 to amino acid 173 as set forth in SEQ ID NO:2;

d. a polynucleotide encoding the polypeptide comprising amino acid 24 to amino acid 128 as set forth in SEQ ID NO:2;

e. a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a), (b), (c) or (d); and

f. a polynucleotide fragment of the polynucleotide of (a), (b), (c) or (d).

2. The polynucleotide of Claim 1 wherein the polynucleotide is DNA.

3. An isolated polynucleotide comprising a member selected from the group consisting of:

a. a polynucleotide which encodes a mature polypeptide encoded by the DNA contained in ATCC Deposit No. 97142;

b. a polynucleotide which encodes a polypeptide expressed by the DNA contained in ATCC Deposit No. 97142;

c. a polynucleotide capable of hybridizing to and which is at least 70% identical to the polynucleotide of (a) or (b); and

d. a polynucleotide fragment of the polynucleotide of (a), (b) or (c).

4. The polynucleotide of claim 2 comprising the sequence as set forth in SEQ ID NO:1 from nucleotide 1 to nucleotide 672.

5. The polynucleotide of claim 2 comprising the sequence as set forth in SEQ ID NO:1 from nucleotide 62 to nucleotide 672.

6. The polynucleotide of claim 2 comprising the sequence as set forth in SEQ ID NO:1 from nucleotide 69 to nucleotide 672.

7. The polynucleotide of claim 2 comprising the sequence as set forth in SEQ ID NO:1 from nucleotide 201 to nucleotide 672.

8. A vector containing the DNA of Claim 2.

9. A host cell genetically engineered with the vector of Claim 8.

10. A process for producing a polypeptide comprising: expressing from the host cell of Claim 9 the polypeptide encoded by said DNA.

11. A process for producing cells capable of expressing polypeptide comprising genetically engineering cells with the vector of Claim 8.

12. A polypeptide comprising a member selected from the group consisting of (i) a polypeptide having the amino acid sequence of SEQ ID NO:2 and fragments, analogs and derivatives thereof; and (ii) a polypeptide encoded by the cDNA of ATCC Deposit No. 97142 and fragments, analogs and derivatives of said polypeptide.

13. A compound which activates a receptor for the polypeptide of claim 12.

14. A compound which inhibits the polypeptide of claim 12.

15. An antibody against the polypeptide of claim 12.

16. A process for identifying compounds which inhibit activation of the polypeptide of claim 12 comprising:

contacting cells which express a CGF receptor on the surface thereof with labeled CGP and a compound to be screened under conditions suitable for binding of ligands to said receptor; and

determining the extent of binding of labeled CGF to the receptor by measuring the amount of label attached to the receptor.

17. A process for identifying compounds which inhibit activation of the polypeptide of claim 12 comprising:

contacting cells which express a CGF receptor on the surface thereof with a compound to be screened under conditions suitable for binding of ligands to said receptor; and

determining the extent of binding of the compound to the receptor and the lack of a signal generated by the binding.

18. A process for identifying compounds which activate a receptor to the polypeptide of claim 12 comprising:

contacting cells which express a CGF receptor on the surface thereof with a compound to be screened under conditions suitable for binding of ligands to said receptor; and

determining the extent of binding of the compound to the receptor and the presence of a signal generated by the binding.

19. A process for diagnosing a disease or a susceptibility to a disease related to a mutation in the polynucleotide of claim 1 comprising:

determining a mutation in the polynucleotide of claim 1.

20. A diagnostic process comprising:

analyzing for the presence of the polypeptide of claim 12 in a sample derived from a host.